

**ADDENDUM #4**  
**October 25, 2024**  
**Fort Chiswell South Sewer - Phase I Pump Station Installation**  
**Wythe County**

**Please ensure notation of all 4 (four) addendum for this bid. Addendum #3 dated October 18<sup>th</sup>, and titled “Fort Chiswell South Sewer Extension Phase I” is a part of this bid and applies to the “Phase I Pump Station Installation” project.**

**Please ensure compliance with the DEQ MBE/WBE procurement requirements which requires solicitation efforts before bid submission. Please refer to Addendum #1 (Pre-bid minutes) regarding placing an ad or directly contacting at least 5 firms for an acceptable good faith effort.**

**This addendum provides supplemental information to the contractor.**

Additional Information

- Geotechnical/Bore Report
- Owner Supplied Equipment

**Geotechnical Bore Report**

The pump station site was bored to a depth of 25’ in six different locations with no auger refusal. See the attached sketch A4-1 with bore locations.

**Owner Supplied Equipment:**

Per contract documents, owner will supply

- Submersible Wastewater Pumps - The OWNER shall furnish two 25HP submersible pumps complete with all appurtenances, accessories and spare parts as will be required to produce a complete and workable installation. Pump bases and slide rail systems shall be provided.
- Controls & Instrumentation - The pump station controls provide alternating lead/lag duplex control of the station pumps through reduced voltage soft start drives. The controls shall be PLC based using either a custom programmed PLC based on a standardized pump station control program or a standardized controller product similar to Primex Station View or Evoqua Intralink LC150 View-at-a-Glance controller. Solid State Starter Drives, Submersible Level Transducer, and Float Switches shall be provided.
- Generator - D60GC with ATS (Note generator is 60 KW. Revise Section 16100 – “Electric Generators” accordingly)
  - Revise Addendum 1 Concrete Generator Pad Detail A1-1 note to read “GENERATOR PAD SIZE BASED ON CARTER D60GC GENERATOR WITH GENERATOR BASE DIMENSIONS OF 115”L x 44”W x 59”H. CONTRACTOR SHALL CONSTRUCT PAD WITH A MINIMUM OF 12” OF CLERANCE ON EACH SIDE OF GENERATOR BASE”
  - Fuel for generator testing provided by OWNER.
- Drum Scrubber – PureAir Filtration DS-100 or Purafil DS-100

See attached product information for more information on all equipment.

Delivery coordination and any equipment necessary for offloading owner supplied equipment is the responsibility of the contractor. Owner can take delivery of equipment at Fort Chiswell WWTP (36.959007, -80.928739). Contractor is responsible for transporting equipment from WWTP to Pump Station site. Contractor may coordinate delivery of generator directly to site with Owner and generator supplier. Contractor is responsible for offloading and setting generator.

**ADDENDUM #4**

BORE REPORT

20'

BORE HOLE

BORE DEPTH	
BH-1	25'
BH-2	25'
BH-3	25'
BH-4	25'
BH-5	25'
BH-6	25'
NOTE: NO AUGER REFUSAL AT 25' DEPTH	



CALO FRANCESCO & CATERINA  
 1157 FORT CHISWELL RD  
 120003141  
 44-15-6

TRUSTEES OF FORT CHISWELL  
 CHURCH OF GOD  
 PO BOX 612  
 120001810  
 44-76D

KING KERRY G & CRISTINA R  
 1231 FT CHISWELL ROAD  
 70002156  
 44-76A

FORT CHISWELL SEWER - PHASE I PUMP STATION INSTALLATION  
 GEOTECHNICAL BORING REPORT  
 ADDENDUM A4-1  
 OCTOBER 2024

**ADDENDUM #4**

OWNER SUPPLIED EQUIPMENT



# WOOD EQUIPMENT COMPANY

October 16, 2024

Wythe County Administration Office  
Attn: Johnny Kincer, County Engineer  
Email: [jdkincer@wytheco.org](mailto:jdkincer@wytheco.org)

Location: Fort Chiswell, VA  
Project: Fort Chiswell Pumping Station

Wood Equipment Co. is pleased to offer the following equipment for this project:

Equipment - Section  
Primary: 190 GPM @ 135' TDH

- (2) Hydromatic Submersible Solids Handling Pump – HPS3SCP020243
- Standard Duty, non-FM
  - 3.0" Horizontal Discharge
  - Impeller: Semi-Open, 440SST material, 6.750" Diameter
  - Cutter System: Self-cleaning Cutter Plate, 440 SST
  - Mechanical Seal: Dual Cartridge, Carbide Silicon Carbide - Nitrile
  - Motor: 20HP @ 3500RPM, 460V/3Ph./60Hz, 26.0 FLA, Oil Filled, 35'-0 Cable
    - Premium efficient, IE3, Heat Sensor & Seal Fail
  - Testing: Certified Performance Test Included – non-witnessed
  - Attendance at Start-up by Wood Equipment Personnel for Factory Authorized Start-up
  - Rail System: Hydromatic TL 33HH "high head" Guide Rail System & Elbows (3"x3"), 2.0" x 25' 304SS guiderails, (2) 20'-0 lengths of 316SS Chain kit
  - Spares Included: Std. Pump Repair Kit, & Cartridge Seal Puller
  - Warranty: 5-year Extended Warranty
- (1) SJE/Primex – Duplex Pump Control Panel
- NEMA-12 Painted Steel Enclosure with Exterior mounted operators and lights
  - AB SMC-Flex Soft Starters
  - Incoming Power Circuit Breaker with main disconnect
  - Level Control: 4-20mA Pressure Transducer with 2 -Float Back-up – Low Level, & High Alarm
  - Primex Station View primary controller with DPC-4F secondary controller
  - Exceptions: PLC, HMI, Flow Meter, & Flow Totalizing.
  - For complete build, please see the following page...

Terms: Net 30 days  
Freight: Freight estimate included  
Delivery: 12 to 15 weeks estimated after submittal approval  
Submittals: 2-4 weeks estimated ARO





## WOOD EQUIPMENT COMPANY

\*\*\*This quote is valid for 60 days from the date it was originally quoted. Prices may be adjusted beyond 30 days\*\*\*

Please do not hesitate to contact the municipal sales team or myself with questions or concerns.

Regards,

J. Brent Yager  
Territory Sales Manager  
Northern VA/DC, Western VA  
804.240.3997  
[byager@woodequip.com](mailto:byager@woodequip.com)

Duplex Municipal Wastewater Pumping Control Panel for operation on 460V 3Ø incoming power. To control (2) 20 HP, 26 F.L.A. Submersible Pumps. To Include:

- NEMA Type 12 - Steel Enclosure, with back panel
- Operators/Lights mounted on exterior door
- Incoming Power Circuit Breaker (HDL) with operator main disconnect
- Phase Monitor
- Cooling Fan Kit
- Incoming Power Lightning Arrester
- 500 VA Control Power Transformer with Primary Fuses
- 1 - 15 Amp 2 Pole HDL Circuit Breaker (Transformer Primary)
- Control Power Fuse
- Alarm Power Fuse
- 2 - Circuit Breaker (HDL) / 20 Hp AB SMC-Flex 150-F43NBD Soft Start
- Station View Primary Controller
- DPC-4F Secondary Controller
- 2 - Macromatic Pump Monitor Relay (PMR), Door Mounted
- 2 - 22mm Hand Off Auto Switch
- 2 - 22mm Run Pilot Light
- 2 - Elapsed Time Meter
- 1 - 22mm Power On Pilot Light
- 2 - 22mm High Alarm Pilot Light, Alarm Activation, and Aux Contact
- 1 - 22mm Backup Active Pilot Light, Manual Reset Pushbutton, Alarm Activation, and Aux Contact
- 2 - Motor Heat Sensor Alarm Activation, and Aux Contact
- 2 - Seal Failure Aux Contact
- 2 - 22mm Pump Fail Pilot Light, Alarm Activation, and Aux Contact
- 2 - 22mm Drive Fault Pilot Light, Alarm Activation, and Aux Contact
- LED Alarm Light
- Horn Audible Alarm
- 22mm Silence Pushbutton
- 22mm Test Pushbutton
- Engraved Nameplates
- 1 - 24Vdc UPS & Battery
- UL Label 508
- Self Laminating Wire Numbers
- Control Relays as required
- Terminal Blocks and Ground Lugs as Required

**10/3/2024****Wythe County-Fort Chiswell PS****Quote#: GBO109449-SPS-R2****\*\*Changed Genset to a 60kW\*\***

## **SOURCEWELL CONTRACT ITEMS**

### **BASE MODEL**

- EPA STATIONARY EMERGENCY CERTIFIED- EPA TIER 3 & CARB EMISSIONS LEVELS (PER EPA NSPS RULE)
  - NAC305P [D60GC, 60kW, 277/480V, 60Hz ENGINE-GENERATOR SET – 3-PHASE]

### **ATTACHMENTS**

- VOLTAGE INDICATOR: 60H0480 [60HZ 3-PH 277/480V]
- FUEL TYPE: [DIESEL]
- CERTIFICATION: CERTESE [STATIONARY EMERGENCY]
- LISTINGS
  - ULLIST [ UL2200 LISTED GENSET]
  - NFPA [ NFPA 110 UPGRADED]
- CONTROL PANEL
  - GCCP1 [GCCP1 AUTOSTART CONTROL PANEL]
  - GFCICS1 [20a GFCI OUTLET INSTALLED]
  - EMCCAS5 [VOLT FREE ALARM CONTACTS and GEN RUN RELAY]
  - PAA1 [LOCAL ALARM HORN WITH MUTE]
- COOLING SYSTEM
  - WSS1 [LOW COOLANT LEVEL SHUTDOWN CIRCUIT]
  - WCA1 [LOW COOLANT LEVEL ALARM]
  - WHH2 [COOLANT WATER HEATER]
  - CWRESV [COOLANT RESERVOIR]
- GENERATOR
  - OGNSEJC [M2233L4 JC 105 DEGREE GENERATOR END, BRUSHLESS]
  - AH1H [ANTI-CONDENSATION HEATER]
  - PMEXCI3 [PMG EXCITATION]
- BATTERY SYSTEM
  - BAT2465 [12V LEAD ACID BATTERY]
  - BTC1028 [UL LISTED, 10 AMP BATTERY CHARGER]
- ENCLOSURE
  - ENCSAB1 [L2 STEEL SOUND ATTENUATED WEATHERPROOF ENCLOSURE - WHITE] [68DBA AT 23' UNDER FULL LOAD]
- **FUEL STORAGE SYSTEM**
  - FTDW044 - [138-GALLON INTEGRAL-142 DOUBLE-WALL, 27-HR RUNTIME @ 100% LOAD, 36HR AT 75%, AND 50HR AT 50%, FUEL TANK]
  - FFLCK – [LOCKING FUEL CAP]
  - FAHL90 – [HIGH FUEL ALARM / 90%]
- CIRCUIT BREAKER
  - CB0102A [100AMP FRAME BREAKER 100%, ADJUSTABLE TRIP, MOLDED CASE]
  - SHTAUX [SHUNT TRIP & AUX CONTACTS]
  - FLMSUSE [SUSE DECALS & FILMS]
- FACTORY TESTING: STDTEST [STANDARD TEST AT 0.8 POWER FACTOR]
- OTHER
  - PL444 [PRODUCT LINK 4G LTE TELEMATICS INSTALLED]
  - ANNRO2 [REMOTE ANNUNCIATOR]

### **SOURCED GOODS & SUPPORT SERVICE PRICE ITEMS**

- ONE (1) CAT CG SERIES-200AMP AUTOMATIC TRANSFER SWITCH, NON-SERVICE RATED, 277/480V, 3-PHASE, 3-POLE, OPEN TRANSITION, NEMA1 INDOOR ENCLOSURE.
- TWO (2) YEAR WARRANTY STARTS WHEN ATS SHIPS FROM THE CAT FACTORY.
- ALL NECESSARY YARDWORK
- FACTORY AND LOCAL FREIGHT
- STANDARD STARTUP SERVICE (NO FUEL INCLUDED)
- NFPA110 RESISTIVE LOADBANK TESTING DURING STARTUP (NORMAL BUSINESS HOURS) NO FUEL INCLUDED.
- FIVE (5) YEAR/2500HR PLATINUM LEVEL GENERATOR WARRANTY.

**\*Virginia Sales Tax to Be Added, If Applicable (IT IS NOT INCLUDED IN THIS PRICE)**

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**FACTORY LEAD TIME**

- GENERATOR: 20-24 WEEKS AFTER APPROVAL AND RELEASE TO ORDER.
- ATS: APPROX. 8-10 WEEKS AFTER APPROVAL AND RELEASE TO ORDER.

**APPROX DIMENSIONS OF GENSET WITH TANK:** 115" L X 44" W X 59"H AND WEIGHS APPROX..2,900LBS

**SCOPE REVIEW:**

SPECIFICATIONS SECTIONS: GENERATOR-16210 ATS-16210  
DRAWINGS: C08 DATED 05/31/2024

**CLARIFICATIONS / DEVIATIONS / EXCEPTIONS:**

- 2.2.I.1-MENTIONS BLANKET TYPE BATTERY HEATER. THIS IS RARELY NEEDED IN VA.
- 3.1- ALL PREPARATION BY OTHERS AND NOT INCLUDED IN OUR PROPOSAL.
- 3.2-ALL INSTALLATION BY OTHERS AND NOT INCLUDED IN OUR PROPOSAL.
- 3.3.C-ALL FUEL BY OTHERS AND NOT INCLUDED IN OUR PROPOSAL. THIS INCLUDES FUEL FOR COMMISSIONING, ALL TESTING AND FINAL FILL.

**RELATED ITEMS NOT INCLUDED:**

- CUSTOMER IS RESPONSIBLE FOR OFF-LOADING (CRANE RENTAL) EQUIPMENT ONSITE.
- CUSTOMER IS RESPONSIBLE FOR INSTALLATION OF EQUIPMENT.
- CUSTOMER IS RESPONSIBLE FOR FUEL FOR COMMISSIONING, TESTING, AND FINAL FILL.
- ANY ADDITIONAL ITEMS INCLUDING COORDINATION STUDIES, ARCH FLASH STUDIES, 3<sup>RD</sup> PARTY TESTING (NETA), SOUND LEVEL TESTING, INFRARED SCANNING, TRAINING, OR SPARE PARTS ARE NOT INCLUDED.
- FEDERAL, STATE, AND LOCAL CODE COMPLIANCE IS STRICTLY THE RESPONSIBILITY OF THE OWNER AND THEIR ENGINEERS AND/OR REPRESENTATIVES.
- THE EQUIPMENT, SERVICES, AND TESTING DEFINED IN THIS PROPOSAL CONSTITUTE THE ENTIRE OFFER. NO OTHER ITEMS ARE INCLUDED OR IMPLIED.

**NOTES AND COMMENTS**

- THIS PROPOSAL IS BASED ON UTILIZING **WYTHE COUNTY SOURCEWELL MEMBERSHIP #158566 WITH SOURCEWELL CONTRACT #092222-CAT**, WHICH MUST BE REFERENCED ON THE PURCHASE ORDER.

**RELATED ITEMS NOT INCLUDED**

- WYTHE COUNTY IS RESPONSIBLE FOR ANY AND ALL DIESEL FUEL FOR START-UP, COMMISSIONING, AND FINAL FILL.
- THIS PROPOSAL DOES NOT INCLUDE ANY INSTALLATION. ALL INSTALLATION BY OTHERS.
- THIS PROPOSAL DOES NOT INCLUDE THE COST FOR ENGINEERING, SITE SURVEY, OR PE STAMPED DRAWINGS (IF REQUIRED).
- THIS PROPOSAL DOES NOT INCLUDE THE COST OF CONTRACTOR PAYMENT AND PERFORMANCE BOND (IF REQUIRED).

**TERMS:**

- QUOTATION IS VALID FOR 30-DAYS FROM DATE OF PROPOSAL.
- NET 30-DAYS PAYMENT FROM SHIPMENT WITH APPROVED CREDIT.
- THE BUYER MAY NOT CANCEL A PURCHASE ORDER, RETURN EQUIPMENT OR CHANGE THE DELIVERY DATE WITHOUT CARTER'S WRITTEN CONSENT.
- ANY CANCELLATION, RETURN OR CHANGE OF DELIVERY DATE IS SUBJECT TO ADDITIONAL CHARGES BASED ON CARTER'S COSTS.
- DUE TO SIGNIFICANT INCREASES IN MATERIAL COSTS FOR ITEMS SUCH AS COPPER, BRASS, ALUMINUM, AND STEEL, CARTER MACHINERY RESERVES THE RIGHT TO PASS ON PRICE INCREASES IN THE FORM OF A MATERIALS SURCHARGE. IF CARTER MACHINERY'S COST INCREASES BETWEEN THE DATE OF THIS QUOTATION AND THE RELEASE OF THE PRODUCT FOR PRODUCTION, CARTER MACHINERY MAY ADD A MATERIALS SURCHARGE TO COVER THE INCREASE. SUCH MATERIALS SURCHARGE WILL CARRY THE SAME TERMS AND CONDITIONS AS THE OTHER ELEMENTS OF THIS QUOTATION AND THE INVOICING THEREIN.



**CARTER MACHINERY CO., INC.**

***By: Troy Kincer***

**Troy Kincer – Power Systems Sales Representative**

***Gary B. Ouellette***

**Gary B. Ouellette – Power Systems Sales Engineer**



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6050 PEACHTREE PKWY, SUITE 240-187 NORCROSS, GA 30092  
Ph: 678-935-1431, Fax: 678-935-06

To: Will Lawrence  
Company: Wythe County, Va.  
Date: October 1, 2024  
Project: Ft. Chriswell S. Sewer Ext. Ph. 1  
Quote#: 041024RL

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## Drum Scrubber Systems

Pure Air is proud to present the following quotation for a Gas Phase Adsorption Vessel. This vessel will be designed for removal off 99.9% H<sub>2</sub>S and other malodorous sewerage odors.

One (1) **PureAir Filtration Model DS-100** odor control systems designed for 121 cfm @ 6 A.C. each shall consist of the following:

- One (1) 23-inch diameter single bed HDPE vessel with integrated grating media bed system.
- FRP reinforced removable cover
- 1" drain
- 3 cubic feet of High-Capacity Carbon Sulphasorb XL.
- 2 cubic feet CPS12 Blend.
- Aluminum blower top mounted arrangement 4H with adjustable damper
- Motor TEFC direct drive 0.5 HP 230/480v 3ph/60 hertz (Single phase available)
- Media Bed Monitoring rod for instant media life review (along with free media life analysis if requested)
- One (1) mist and grease filter housing with high-capacity mist filter designed for 99.9% efficient at under 4 microns. Pad made from 316 stainless steel & poly mesh blend.
- Heavy duty media support structure with grating
- Flexible inlet connection 4" "Fernco" or equal
- Exhaust Silencer

### **Not Included:**

Installation of any of the above equipment  
Electrical Installation  
Control Panel  
Freight  
Ductwork to odor source  
Anchor Bolts

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Terms: See attached standard terms and conditions  
Submittals to be completed in 3-4 weeks upon receipt of purchase order  
Delivery will occur 12-20 weeks after written release from Purchaser.  
Freight: *Not included*  
Taxes: *Not included*

**Contact: Rick LeShane**  
**PureAir Filtration**  
**678-858-4342**

## STANDARD TERMS AND CONDITIONS

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The following Terms and Conditions are an integral part of PureAir Filtration attached offer to sell equipment or services stated in this Proposal.

A. **SHIPMENT:** Subject to submittal approval. Estimated shipment is 8-10 weeks dependent on equipment or services provided. PureAir Filtration is not responsible for delay in shipment or delivery of any kind beyond our control.

B. **TERMS:** The prices quoted by PureAir Filtration are subject to the following payment terms:

1. Payment: Net 20% on submittal approval, 75% net 30, 5% maximum retainage. Net amount due in thirty (30) days after date of each invoice on all orders. Purchaser's payment of invoices shall not be contingent or dependent upon prior receipt of any payment to Purchaser from third parties.
2. Any invoice unpaid after 30 days from invoice date will be subject to interest charges of 2% per month, compounded.
3. No Retainer is Allowed per the Terms and Conditions of this offer to sell.
4. Lien laws and Bonding Company requirements are such that PureAir Filtration must file claim with City, Bonding Company and Engineer within 60 days from date of invoice on unpaid accounts in order to protect reserve of amounts to cover supplier's unpaid invoice. This is in no way reflective of Contractor's ability to pay. It is only a required action dictated by State lien Laws and Bonding Companies. Therefore, PureAir Filtration claim forms will be filed with the City, Bonding Company and Engineer 10 days before any account receivable becomes 60 days old.
5. Equipment cannot be returned and an order, once accepted and approved, cannot be canceled, without prior written consent. In case of cancellation, Buyer agrees to reimburse PureAir Filtration for all costs incurred plus a mark-up of 20% for overhead expenses.
6. If delivery occurs farther than 6 months from the date of this order, material escalation costs may occur and will be allowed for as a term of this contract.

C. **TAXES:** We do not include in this Quotation any Federal, State or Municipal Sales, Use or Gross Income Tax which may be chargeable against the equipment offered. Any such tax which the Seller shall be liable for the payment or collection of shall be paid by the Buyer, although not specifically set out as an Item in this Proposal.

D. **PENALTIES:** There are no penalties or liquidated damages assessed except as may be specifically provided for in this Proposal.

E. **CLAIMS FOR LOSS OR DAMAGE IN TRANSIT:** Since material is sold "FOB Destination", freight allowed to destination", the responsibility for filing claims for loss or damage in transit is the Buyers. We will assist and cooperate with the Buyer in handling such problems.

F. **WARRANTY & SERVICE:** PureAir Filtration warranties on equipment are limited to the warranty provided to the Purchaser of the specific equipment contained In this Proposal. Start-up or operation of equipment containing electrical or electronic components by unauthorized persons and damage Resulting from unauthorized operation will be sufficient grounds to void all warranties on that equipment unless it has been previously checked out and operated by qualified personnel of the manufacturer or their representatives. If such failure is attributable to defects In the material furnished and found to have existed at the time of delivery, the Seller's liability Shall be limited to furnishing necessary replacement material or parts. PureAir Filtration assumes no liability under any conditions for installation, labor, or materials associated with the installation of Seller's materials, unless installation is an integral part of this Proposal and are supplied by PureAir Filtration. This Proposal is for equipment only, and unless stipulated otherwise, does not include field service of any kind. Service will be charged at a rate of ~~\$420.00~~ per day, plus travel and living expenses. Two weeks minimum advance notice in writing for start-up service is required. Start-up or supervision service will not be provided by PureAir Filtration on equipment covered by this Proposal if payment for equipment is not current, per item B(1) of these Terms and Conditions.

G. **ACCEPTANCE OF THE PROPOSAL:** This proposal is subject to Buyer's offer to purchase and to the subsequent acceptance of an Officer of PureAir Filtration. Thereupon it will become the entire Agreement between Buyer and the Seller notwithstanding any previous communications or negotiations, whether oral or written. There are no covenants, agreements, inducements, guarantees, warranties, additions or considerations other than as set out specifically in this Proposal. The parties intend to be legally bound by this Agreement and to be governed by Georgia law upon the execution of this instrument as a contract. In the event the Buyer issues his own purchase order or prepares a contract based on this Proposal, the Terms and Conditions of this Proposal shall be deemed to be incorporated in the said purchase order or contract unless exception is specifically taken.

H. **SPECIAL CONDITIONS:** No back charges or delay in payment of equipment shipped or services performed will be accepted by PureAir Filtration unless authorized in advance and confirmed in writing by PureAir Filtration. We wish to assure you that PureAir

Filtration will do its utmost to meet your required delivery dates; however, we cannot be held responsible for delays and shortages of material caused by conditions beyond our control